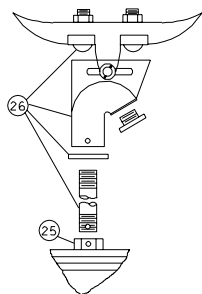
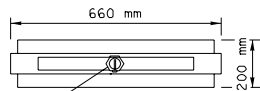


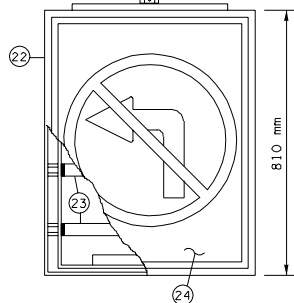
TETHER WIRE DETAIL



SPAN WIRE MOUNT

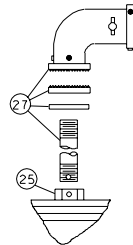


PLAN VIEW

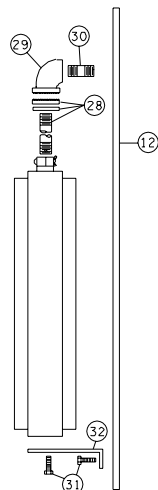


ELEVATION

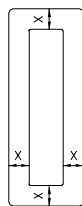
INTERNALLY ILLUMINATED SIGN DETAILS



MAST ARM MOUNT



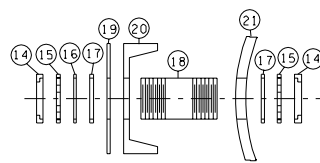
SIDE POLE MOUNT



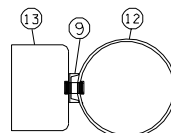
200 mm OR 300 mm SECTIONS

200 mm SEC. X = 200 mm  $\pm$  10 mm  
300 mm SEC. X = 140 mm  $\pm$  10 mm

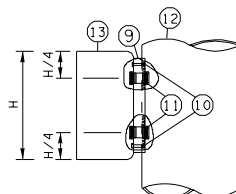
BACKPLATE DETAIL



WIREWAY DETAIL



PLAN VIEW



ELEVATION

CABINET MOUNTING DETAIL

**KEY:**

- ① METAL OR TIMBER POLE
- ② 50 mm x 5 mm S.S. BAND WITH 2 EACH, M10 x M19 STAINLESS STEEL HEX HEAD BOLT, LOCK WASHERS AND NUTS
- ③ 8 mm, EYE AND EYE, TURNBUCKLE
- ④ S HOOK, 10 mm MILD STEEL
- ⑤ 3.2 mm WIRE ROPE CLAMP (U BOLT TYPE)
- ⑥ 3.2 mm STAINLESS STEEL TETHER WIRE
- ⑦ WIRE CLAMP WITH LEAD WIRE WRAP
- ⑧ SIGNAL HEAD
- ⑨ 150 mm x 12.2 kg/m CHANNEL
- ⑩ 2 EACH, M12 x 60 mm HEX HEAD BOLT, LOCK WASHER (DRILL AND TAP POLE TO ACCEPT)
- ⑪ WIREWAY (SEE DETAIL THIS SHEET)
- ⑫ METAL POLE
- ⑬ CABINET
- ⑭ END BUSHING
- ⑮ CONDUIT LOCKNUT
- ⑯ STEEL WASHER
- ⑰ WEATHERPROOF SEAL
- ⑱ 53 mm DIA x 100 mm NIPPLE UNLESS OTHERWISE NOTED
- ⑲ CABINET WALL DRILLED 5 mm OVERSIZE OF NIPPLE
- ⑳ CHANNEL DRILLED 5 mm OVERSIZE OF NIPPLE
- ㉑ POLE DRILLED 5 mm OVERSIZE OF NIPPLE
- ㉒ 6063 EXTRUDED ALUMINUM FRAME
- ㉓ 4 EACH, F24T12/CW FLOURESCENT TUBES
- ㉔ TRANSLUCENT PLEXIGLASS SIGN FACE
- ㉕ 41 mm CAST IRON HUB WITH 8 mm PIN AND COTTER KEY
- ㉖ SEE KEY 2,9,17, AND 18, STANDARD PLAN "SIGNAL HEAD MOUNTING DETAILS MAST ARM AND SPAN WIRE MOUNTINGS".
- ㉗ SEE KEY 2,6,9 AND 22, STANDARD PLAN "SIGNAL HEAD MOUNTING DETAILS MAST ARM AND SPAN WIRE MOUNTINGS".
- ㉘ SEE KEY 2,9 AND 22, STANDARD PLAN "SIGNAL HEAD MOUNTING DETAILS MAST ARM AND SPAN WIRE MOUNTINGS".
- ㉙ SERRATED 40 mm ELBOW
- ㉚ 41 mm DIA NIPPLE (DRILL AND TAP POLE TO ACCEPT)
- ㉛ 2 EACH, M12 x 60 mm STAINLESS STEEL HEX HEAD BOLT AND LOCK WASHERS (DRILL AND TAP POLE TO ACCEPT)
- ㉜ MOUNTING BRACKET

**NOTES:**

1. BACKPLATES SHALL BE INSTALLED WITH 6 STAINLESS STEEL SCREWS AND WASHERS.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED

**MISCELLANEOUS  
SIGNAL DETAILS**

**STANDARD PLAN J-6h**

APPROVED FOR PUBLICATION

STATE DESIGN ENGINEER

DATE

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
OLYMPIA, WASHINGTON

